



# MAJOR SOURCE OPERATING PERMIT

**PERMITTEE:** MANNINGTON MILLS, INC.  
**FACILITY NAME:** MANNINGTON WOOD FLOORS  
**FACILITY/PERMIT NO.:** 412-0011  
**LOCATION:** EPES, SUMTER COUNTY, ALABAMA

*In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, as amended, Ala. Code 1975, §§22-28-1 to 22-28-23 (2006 Rplc. Vol. and 2007 Cum. Supp.) (the "AAPCA") and the Alabama Environmental Management Act, as amended, Ala. Code 1975, §§22-22A-1 to 22-22A-15, (2006 Rplc. Vol. and 2007 Cum. Supp.) and rules and regulations adopted thereunder, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.*

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

**Issuance Date:** DRAFT  
**Effective Date:** DRAFT  
**Expiration Date:** DRAFT

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Alabama Department of Environmental Management

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General Permit Provisos	
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<p><b>1. <u>Transfer</u></b></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in ADEM Admin. Code r. 335-3-16-.13(1)(a)5.</p> <p><b>2. <u>Renewals</u></b></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p> <p><b>3. <u>Severability Clause</u></b></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivisions, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p> <p><b>4. <u>Compliance</u></b></p> <p>(a) The Permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the Permittee.</p> <p>(b) The Permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p> <p><b>5. <u>Termination for Cause</u></b></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p>	<p>ADEM Admin. Code r. 335-3-16-.02(6)</p> <p>ADEM Admin. Code r. 335-3-16-.12(2)</p> <p>ADEM Admin. Code r. 335-3-16-.05(e)</p> <p>ADEM Admin. Code r. 335-3-16-.05(f)</p> <p>ADEM Admin. Code r. 335-3-16-.05(g)</p> <p>ADEM Admin. Code r. 335-3-16-.05(h)</p>

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<p><b>6. <u>Property Rights</u></b></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(i)</p>
<p><b>7. <u>Submission of Information</u></b></p> <p>The Permittee must submit to the Air Division, within 30 days or for such other reasonable time as the Air Division may set, any information that the Air Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the Permittee shall also furnish to the Air Division copies of records required to be kept by this permit.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(j)</p>
<p><b>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></b></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(k)</p>
<p><b>9. <u>Certification of Truth, Accuracy, and Completeness</u></b></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p>	<p>ADEM Admin. Code r. 335-3-16-.07(a)</p>
<p><b>10. <u>Inspection and Entry</u></b></p> <p>Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none"> <li>(a) Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit;</li> <li>(b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit;</li> <li>(c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;</li> </ul>	<p>ADEM Admin. Code r. 335-3-16-.07(b)</p>

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<p>(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.</p> <p><b>11. Compliance Provisions</b></p> <p>(a) The Permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.</p> <p>(b) The Permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.</p> <p><b>12. Compliance Certification</b></p> <p>The Permittee shall submit a complete and accurate compliance certification by MM2D2+60 of each year for each annual reporting period of this permit (MM1 D1 – MM2 D2).</p> <p>(a) The compliance certification shall include the following:</p> <ol style="list-style-type: none"> <li>(1) The identification of each term or condition of this permit that is the basis of the certification;</li> <li>(2) The compliance status;</li> <li>(3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with ADEM Admin. Code r. 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);</li> <li>(4) Whether compliance has been continuous or intermittent;</li> <li>(5) Such other facts as the Air Division may require to determine the compliance status of the source;</li> </ol> <p>(b) The compliance certification shall be submitted to:</p> <p style="text-align: center;">Alabama Department of Environmental Management Air Division P.O. Box 301463 Montgomery, AL 36130-1463 and to:</p> <p style="text-align: center;">Director, Air &amp; EPCRA Enforcement Branch US EPA Region 4 61 Forsyth Street SW, Suite 9T43 Atlanta, GA 30303-8960</p>	<p>ADEM Admin. Code r. 335-3-16-.07(c)</p> <p>ADEM Admin. Code r. 335-3-16-.07(e)</p>

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<p><b>13. Reopening for Cause</b></p> <p>Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:</p> <ul style="list-style-type: none"> <li>(a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the Permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire.</li> <li>(b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit.</li> <li>(c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.</li> <li>(d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.</li> </ul>	<p>ADEM Admin. Code r. 335-3-16-.13(5)</p>
<p><b>14. Additional Rules and Regulations</b></p> <p>This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.</p>	<p>§22-28-16(d), <u>Code of Alabama 1975</u>, as amended</p>
<p><b>15. Equipment Maintenance or Breakdown</b></p> <ul style="list-style-type: none"> <li>(a) In case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Air Division at least (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following: <ul style="list-style-type: none"> <li>(1) Identification of the specific facility to be taken out of service as well as its location and permit number;</li> <li>(2) The expected length of time that the air pollution control equipment will be out of service;</li> </ul> </li> </ul>	<p>ADEM Admin. Code r. 335-3-1-.07(1),(2)</p>

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<p>(3) The nature and quality of emissions of air contaminants likely to occur during the shutdown period;</p> <p>(4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period;</p> <p>(5) The reasons that it would be impossible or impractical to shut down the sources operation during the maintenance period.</p> <p>(b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.</p> <p><b>16. <u>Operation of Capture and Control Devices</u></b></p> <p>All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.</p> <p><b>17. <u>Obnoxious Odors</u></b></p> <p>This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.</p> <p><b>18. <u>Fugitive Dust</u></b></p> <p>(a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.</p> <p>(b) Plant or haul roads and grounds shall be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:</p>	<p>§22-28-16(d), <u>Code of Alabama 1975</u>, as amended</p> <p>ADEM Admin. Code r. 335-3-1-.08</p> <p>ADEM Admin. Code r. 335-3-4-.02</p>



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<p>(1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;</p> <p>(2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;</p> <p>(3) By paving;</p> <p>(4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions.</p> <p>Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Air Division prior to utilization.</p> <p><b>19. Additions and Revisions</b></p> <p>Any modifications to this source shall comply with the modification procedures in Rules 335-3-16-.13 or 335-3-16-.14.</p> <p><b>20. Recordkeeping Requirements</b></p> <p>(a) Records of required monitoring information of the source shall include the following:</p> <p>(1) The date, place, and time of all sampling or measurements;</p> <p>(2) The date analyses were performed;</p> <p>(3) The company or entity that performed the analyses;</p> <p>(4) The analytical techniques or methods used;</p> <p>(5) The results of all analyses; and</p> <p>(6) The operating conditions that existed at the time of sampling or measurement.</p>	<p>ADEM Admin. Code r. 335-3-16-.13 and 335-3-16-.14</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)2.</p>

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<p>(b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by the permit.</p> <p><b>21. Reporting Requirements</b></p> <p>(a) Reports to the Air Division of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with ADEM Admin. Code r. 335-3-16-.04(9).</p> <p>(b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those attributable to upset conditions as defined in the permit. The report shall include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.</p> <p><b>22. Emission Testing Requirements</b></p> <p>Each point of emission which requires testing shall be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p> <p>The Air Division must be notified in writing at least <b>10 days</b>, unless otherwise specified, in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p> <p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p> <p>(a) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.</p> <p>(b) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures requires probe cleaning).</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)3.</p> <p>ADEM Admin. Code r. 335-3-1-.05(3) and 335-3-1-.04(1)</p> <p>ADEM Admin. Code r. 335-3-1-.04</p>

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<p>(c) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.</p> <p>(d) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p> <p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within <b>30 days</b> of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p> <p><b>23. <u>Payment of Emission Fees</u></b></p> <p>(a) The Permittee shall remit the annual Operating Permit Fees required by ADEM Admin. Code r. 335-1-7-.04 according to the schedule in ADEM Admin. Code r. 335-1-7-.05.</p> <p>(b) The Permittee shall submit its estimate of actual emissions for the previous calendar year according to the schedule in ADEM Admin. Code r. 335-1-7-.05.</p> <p><b>24. <u>Other Reporting and Testing Requirements</u></b></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p> <p><b>25. <u>Title VI Requirements (Refrigerants)</u></b></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the US EPA and the Department as required.</p>	<p>ADEM Admin. Code r. 335-3-1-.04</p> <p>ADEM Admin. Code r. 335-1-7-.05</p> <p>ADEM Admin. Code r. 335-1-7-.05</p> <p>ADEM Admin. Code r. 335-3-1-.04(1)</p> <p>ADEM Admin. Code r. 335-3-16-.05(a)</p>

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<p><b><u>26. Chemical Accidental Release Prevention Provisions</u></b></p> <p>If a chemical listed in Table 1 of 40 CFR Part 68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <p>(a) The owner or operator shall comply with the provisions in 40 CFR Part 68.</p> <p>(b) The owner or operator shall submit one of the following:</p> <p>(1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR Part 68 § 68.10(a) or,</p> <p>(2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.</p>	40 CFR Part 68
<p><b><u>27. Display of Permit</u></b></p> <p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and shall make the permit readily available for inspection by any or all persons who may request to see it.</p>	ADEM Admin. Code r. 335-3-14-.01(1)(d)
<p><b><u>28. Circumvention</u></b></p> <p>No person shall cause or permit the installation or use of any device or any means which, without resulting in the reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p>	ADEM Admin. Code r. 335-3-1-.10
<p><b><u>29. Visible Emissions</u></b></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p>	ADEM Admin. Code r. 335-3-4-.01(1)
<p><b><u>30. Fuel-Burning Equipment</u></b></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.03.</p>	ADEM Admin. Code r. 335-3-4-.03

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<p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-5-.01.</p> <p><b>31. <u>Process Industries – General</u></b></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.04.</p> <p><b>32. <u>Averaging Time for Emission Limits</u></b></p> <p>Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.</p> <p><b>33. <u>Open Burning</u></b></p> <p>Precautions should be taken to ensure that no person shall ignite, cause to ignite, permit to be ignited, or maintain any open fire in such a manner as to cause the Department's rules and regulations applicable to open burning to be violated.</p>	<p>ADEM Admin. Code r. 335-3-5-.01</p> <p>ADEM Admin. Code r. 335-3-4-.04</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-3-.01</p>

**Emission Unit Nos. 001 & 002 (Wood Waste Boiler #1 & #2 with a common stack)****Summary Page**

**Description:** 28.2 MMBtu/hr Industrial wood-fired boiler (BB1) with multiclone venting to a shared dry electrostatic precipitator (ESP)  
28.2 MMBtu/hr Hurst wood-fired boiler (BB2) with multiclone venting to a shared dry electrostatic precipitator (ESP)

**Permitted Operating Schedule:** 8,760 hr/yr

**Emission Limitations:**

Emission Point No.	Description	Pollutant	Emission limit	Regulation
ESP	Common ESP Exhaust	TSP	0.17 gr/dscf @ 50% Excess Air	ADEM Admin. Code r. 335-3-4-.08 (SIP)
		Filterable PM	3.7E <sup>-02</sup> lb per MMBtu of heat input; or 4.3E <sup>-02</sup> lb per MMBtu of steam output	ADEM Admin. Code r. 335-3-11-.06 (107) 40 CFR Part 63, Subpart DDDDD
		SO <sub>2</sub>	4.0 lbs/MMBtu heat input	ADEM Admin. Code r. 335-3-5-.01 (SIP)
		CO	1,500 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average	ADEM Admin. Code r. 335-3-11-.06 (107) 40 CFR Part 63, Subpart DDDDD
		HCl	2.2E <sup>-02</sup> lb per MMBtu of heat input or 2.5E <sup>-02</sup> lb per MMBtu of steam output	ADEM Admin. Code r. 335-3-11-.06 (107) 40 CFR Part 63, Subpart DDDDD
		Hg	5.7E <sup>-06</sup> lb per MMBtu of heat input or 6.4E <sup>-06</sup> lb per MMBtu of steam output	ADEM Admin. Code r. 335-3-11-.06 (107) 40 CFR Part 63, Subpart DDDDD

**Emission Unit Nos. 001 & 002 (Wood Waste Boilers #1 & #2 with a common stack)****Unit Specific Provisos**

<b>Federally Enforceable Provisos</b>	<b>Regulations</b>
<b>1. <u>Applicability</u></b>	
(a) These boilers are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) These boilers are subject to the Standards of Performance for New Stationary Sources; Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subpart D <sub>c</sub> .	ADEM Admin. Code r. 335-3-10-.02(2)(c)  40 CFR Part 60, Subpart D <sub>c</sub>
(c) The permittee shall comply with the applicable requirements as listed in the National Emission Standards for Hazardous Air Pollutants for Industrial/Commercial/Institutional Boilers and Process Heaters, 40 CFR Part 63, Subpart DDDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(107)], and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A, as provided in 40 CFR §63.7565 and Table 10 of Subpart DDDDD. The permittee shall be in compliance with these standards upon startup.	ADEM Admin. Code r. 335-3-11- .06 (107)  40 CFR Part 63, Subpart DDDDD
(1) The permittee has determined that both boilers are classified as Stoker/sloped grate/other units designed to burn wet biomass/bio-based solids	40 CFR §63.7499(i)
<b>2. <u>Emission Standards</u></b>	
(a) The permittee shall not cause or allow emissions of TSP from these boilers to exceed 0.17 grains per dry standard cubic foot (gr/dscf), adjusted to fifty percent (50%) excess air.	ADEM Admin. Code r. 335-3-4-.08(2)(d)
(b) The permittee shall not cause or allow emissions of sulfur dioxide from these boilers to exceed 4.0 lbs/MMBtu of heat input.	ADEM Admin. Code r. 335-3-5-.01(1)(b)
(c) The permittee shall not cause or allow the discharge of more than one 6-minute average opacity greater than 20% in any 60-minute period from these boilers. At no time shall the permittee cause or allow the discharge of a 6-minute average opacity of particulate emissions greater than 40%.	ADEM Admin. Code r. 335-3-4- .01
(d) The permittee shall only use untreated wood/biomass to fire the boilers. Approval must be received from the Air Division prior to burning any other type of fuel.	ADEM Admin. Code r. 335-3-16- .05(a)

Federally Enforceable Provisos	Regulations
<p>(e) The permittee shall not cause or allow the point source emissions from the boilers to exceed any of the following limitations, except as provided under 40 CFR §63.7522 and during startup and shutdown, as required by 40 CFR §63.7500, and 40 CFR 63 Subpart DDDDD, Table 2. Each emission result should be from measurements made in accordance with the requirements on 40 CFR § 63.7520 and 40 CFR 63 Subpart DDDDD, Table 5:</p> <p>(1) Hydrogen Chloride (HCl) – <math>2.2\text{E-}02</math> lb per MMBtu of heat input or <math>2.5\text{E-}02</math> lb per MMBtu of steam output;</p> <p>(2) Mercury (Hg) – <math>5.7\text{E-}06</math> lb per MMBtu of heat input or <math>6.4\text{E-}06</math> lb per MMBtu of steam output;</p> <p>(3) Carbon Monoxide (CO) [or CEMS] – 1,500 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average; or 720 ppm by volume on a dry basis corrected to 3 percent oxygen, 30 day rolling average; and</p> <p>(4) Filterable Particulate Matter (PM) or [TSM] – <math>3.7\text{E-}02</math> lb per MMBtu of heat input; or (<math>2.4\text{E-}04</math> lb per MMBtu of heat input) or <math>4.3\text{E-}02</math> lb per MMBtu of steam output; or (<math>2.8\text{E-}04</math> lb per MMBtu of steam output).</p> <p>(f) The permittee must comply with the standards that apply at all times the affected units are operating, except during periods of startup and shutdown. During the periods of startup and shutdown, the permitted must comply with items 5 and 6 of Table 3 of 40 CFR 63, Subpart DDDDD.</p> <p>(g) The Permittee must maintain opacity to less than or equal to 10% opacity or the highest hourly average opacity reading measured during the performance test run demonstrating compliance with the particulate matter emission limitation (daily block average).</p>	<p>ADEM Admin. Code r. 335-3-11-.06 (107)</p> <p>40 CFR §63.7500(f)</p> <p>40 CFR 63 Subpart DDDDD Table 4</p>
<p><b>3. <u>Compliance and Performance Test Methods and Procedures</u></b></p> <p>(a) The permittee must conduct all compliance testing while operating both boilers simultaneously.</p> <p>(b) The permittee must conduct all applicable performance tests according to 40 CFR §63.7520 on an annual basis except as specified below:</p> <p>(1) Annual performance tests must be completed no more than 13 months after the previous performance test</p>	<p>ADEM Admin. Code r. 335-3-16-.05(a)</p> <p>40 CFR §63.7515</p>



Federally Enforceable Provisos	Regulations
<p>(2) If performance tests for a given pollutant for at least 2 consecutive years show that your emissions are at or below 75 percent of the emission limit for the pollutant and there are no changes to the operation or air pollution control equipment that could increase emissions,</p> <p>(i) you may choose to conduct performance tests for the pollutant every third year.</p> <p>(ii) each such performance test must be conducted no more than 37 months after the previous performance test.</p> <p>(iii) If a performance test shows emissions exceeded the emission limit or 75 percent of the emission limit for a pollutant, the permittee must conduct annual performance tests for that pollutant until all performance tests over a consecutive 2-year period meet the required level (at or below 75 percent of the emission limit).</p> <p>(c) During compliance testing the highest hourly average operating load, as measured by steam production in lb/hr or heat input in MMBtu/hr, shall be monitored for establishing operating limits for the process.</p> <p>(d) During compliance testing the lowest hourly average oxygen concentration, as measured during the carbon monoxide performance test, shall be monitored for establishing operating limits for each boiler.</p> <p>(e) The permittee shall conduct an annual tune-up of each boiler to demonstrate continuous compliance as specified, but not limited to, below:</p> <p>(1) the burner, and clean or replace any components of the burner as necessary</p> <p>(2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available</p> <p>(3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly</p> <p>(4) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NO<sub>x</sub> requirement to which the unit is subject</p>	<p>40 CFR §63.7515(b) and (c)</p> <p>40 CFR 63 Subpart DDDDD Table 4</p> <p>40 CFR 63 Subpart DDDDD Table 4</p> <p>40 CFR §63.7540(a)(10)</p>

Federally Enforceable Provisos	Regulations
<p>(5) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and</p> <p>(6) Maintain on-site and submit, if requested by the Administrator, a report containing the information in 40 CFR §63.7540 (10)(vi)(a) through (C).</p> <p>(7) The permittee shall conduct each tune-up specified in §63.7540(a)(10) which must be no more than 13 months after the previous tune-up.</p> <p>(f) If the permittee determines to conduct a compliance test for particulate matter emission rate from this process, it shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5. An alternate method may be utilized provided prior approval is granted by the Air Division.</p> <p>(g) Visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.</p> <p>(h) If the permittee determines to conduct a compliance test for carbon monoxide emission rate from this process, it shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 10. An alternate method may be utilized provided prior approval is granted by the Air Division.</p> <p>(i) If the permittee determines to conduct a compliance test for Hydrogen Chloride (HCl) emission rate from this process, it shall be determined in accordance with Method 26 or 26A at 40 CFR Part 60, Appendix A. An alternate method may be utilized provided prior approval is granted by the Air Division.</p> <p>(j) If the permittee determines to conduct a compliance test for Mercury (Hg) emission rate from this process, it shall be determined in accordance with Method 29, 30A or 30B at 40 CFR Part 60, Appendix A. An alternate method may be utilized provided prior approval is granted by the Air Division.</p>	<p>40 CFR §63.7515(d)</p> <p>40 CFR 63 Subpart DDDDD Table 5</p> <p>40 CFR 63 Subpart DDDDD Table 5</p> <p>40 CFR 63 Subpart DDDDD Table 5</p> <p>40 CFR 63 Subpart DDDDD Table 5</p>
<p><b>4. <u>Emission Monitoring</u></b></p> <p>(a) A continuous opacity monitoring system (COMS) shall be installed on the boiler stack and certified in accordance with the requirements in 40 CFR Part 60, Appendix B, Performance Specification 1 (PS-1). The COMS shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Federally Enforceable Provisos	Regulations
<p>6-minute period. The COMS shall undergo a daily check for calibration drift and quarterly and annual audits according to the procedures specified in PS-1.</p> <p>(1) As defined by Proviso 2(c) and (g), when an excursion occurs, corrective action shall be initiated as soon as practicable but no longer than 24 hours from the time of the excursion, followed by an additional reading to confirm emissions are below the excursion level.</p> <p>(b) The permittee shall utilize a properly calibrated, maintained, and operated device to continuously measure and record the steam flow from each boiler. The data collected shall be used to calculate the heat input to each boiler</p> <p>(c) The permittee must operate, certify and maintain each COMS according to the procedures in §63.7525(c) (1) through (7) in this section. This must be done by the compliance date specified in §63.7495.</p> <p>(d) The permittee must operate the monitoring system and collect data at all required intervals at all times that each boiler is operating and compliance is required, except for periods of monitoring system malfunctions and required monitoring system quality assurance or control activities.</p> <p>(e) The permittee must maintain a site specific monitoring plan according to the paragraphs listed in 40 CFR §63.7505(d)(1) through (7) for the use of any COMS.</p> <p>(f) To ensure proper operation, each multiclone shall be inspected at least annually, but more frequently if greater than normal visible emissions are observed. If the results of the inspection indicate that cleaning or maintenance is needed, such action shall be initiated within 24 hours of completing the inspection.</p> <p>(g) The Permittee shall maintain and operate equipment to monitor the performance of the electrostatic precipitator (ESP), as prescribed by the manufacturer's specifications and recommendations.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>40 CFR §63.7525(c)</p> <p>40 CFR §63.7535</p> <p>40 CFR §63.7505</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p><b>5. <u>Recordkeeping and Reporting Requirements</u></b></p> <p>(a) The permittee shall record fuel usage on a daily or monthly basis and maintain these records on-site in a permanent form suitable for inspection and be readily available for inspection for at least two (2) years from the date of generation of each record.</p>	<p>40 CFR Part 60, Subpart D<sub>c</sub></p>

Federally Enforceable Provisos	Regulations
(b) All required records, which includes but not limited to the occurrence and duration of any startup, shutdown, or malfunction in the operation of the process equipment and any malfunction of the air pollution control equipment, shall be maintained in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record.	ADEM Admin. Code r. 335-3-16-.05(c) and 40 CFR §63.7560
(c) The permittee shall comply with the applicable notification, reporting, and recordkeeping requirements specified in 40 CFR §60.7, 40 CFR §60.49b, and 40 CFR §63.7545.	40 CFR Part 63, Subpart DDDDD
(d) The permittee shall report the results of performance tests and the associated fuel analyses within 60 days after the completion of the performance tests. This report must also verify that the operating limits for each boiler or process heater have not changed or provide documentation of revised operating limits established according to §63.7530 and Table 7 to 40 CFR 63 Subpart DDDDD, as applicable. The reports for all subsequent performance tests must include all applicable information required in §63.7550	40 CFR §63.7515(f)
(e) The permittee shall maintain the records required in Table 8 of 40 CFR Subpart DDDDD including records of all monitoring data and calculated averages for the applicable operating limits, such as opacity, operating load, and oxygen content, to show continuous compliance with each emission limit and operating limit that apply to the facility.	40 CFR §63.7555(c)
(f) For each boiler subject to an emission limit in Table 1, 2, or 11 through 13 of 40 CFR Subpart DDDDD, the permittee must keep the applicable records in §63.7555(d)(1) through (11). These include but are not limited to records of monthly fuel use by each boiler; records of the occurrence and duration of each malfunction of the boiler or the associated air pollution control and monitoring equipment; records of actions taken during periods of malfunction; records of the calendar date, time, occurrence, and duration of each startup and shutdown; records of the type(s) and amount(s) of fuels used during each startup and shutdown.	40 CFR §63.7555(d)
(g) The permittee shall maintain all required records in a permanent form suitable for inspection and shall be readily available for inspection upon request. The permittee shall retain each record for a period of 5 years from the generation of each record.	ADEM Admin. Code r. 335-3-16-.05(c)

Federally Enforceable Provisos	Regulations
<p>(h) The Permittee shall report the following in accordance with the requirements of General Permit Proviso 21(b):</p> <ul style="list-style-type: none"> <li>(1) Each incident when six consecutive 6-minute average opacities are greater than 20%;</li> <li>(2) Each incident when a 6-minute average opacity is greater than 40%.</li> </ul> <p>(i) In lieu of the reporting requirements of General Permit Proviso 21(b), the Permittee may submit a report no later than 30 days after the end of each calendar quarter which details each instance during the quarter when a 6-minute average opacity from the boiler was greater than 20%. This option shall not contravene the requirements of Proviso 5(h) above.</p> <p>(j) The permittee shall notify the Air Division in writing within two working days of determining that an exceedance of an emission limitation, all exceedances of visible emission standards documented by Method 9, COMS-indicated exceedances that last longer than 30 minutes, or 6-minute average opacity readings greater than 40% has occurred. The notification shall indicate the date, time, duration, nature, and magnitude of the exceedance as well as the corrective actions required to return the boiler or control device to normal operation.</p> <p>(k) A Semiannual Monitoring Report (SMR), as required by General Permit Proviso No. 21(a) and 40 CFR part 60 Appendix A, shall be submitted no later than 60 days after the end of each semiannual reporting period (January 1<sup>st</sup> – June 30<sup>th</sup> and July 1<sup>st</sup> – December 31<sup>st</sup>). The report shall include the following information for both boilers:</p> <ul style="list-style-type: none"> <li>(1) A statement describing the emission monitoring that was required during the reporting period, whether all emission monitoring was completed as required, and if not, the date(s) and reasons(s) why the monitoring was not performed;</li> <li>(2) A statement as to whether the annual inspection of the control device was accomplished during the reporting period, and if so, the date and results of the inspection(s); and</li> <li>(3) The date(s), nature, and results of any corrective action taken when (1) a deviation from an emission monitoring parameter was observed or (2) an inspection of the control device indicated that cleaning or emission-related maintenance was needed.</li> </ul>	<p>ADEM Admin. Code r. 335-3-16-.05</p> <p>ADEM Admin. Code r. 335-3-16-.05</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)3</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Federally Enforceable Provisos	Regulations
<p>(l) A Semiannual Compliance Report (SCR), shall be submitted no later than 60 days after the end of each semiannual reporting period (January 1<sup>st</sup> – June 30<sup>th</sup> and July 1<sup>st</sup> – December 31<sup>st</sup>). The report shall include the following information for both boilers:</p> <p>(1) If there are no deviations from any emission limitation (emission limit and operating limit) that applies to you and there are no deviations from the requirements for work practice standards for periods of startup and shutdown in Table 3 to 40 CFR 63 Subpart DDDDD that apply to you, a statement that there were no deviations from the emission limitations and work practice standards during the reporting period. If there were no periods during which the CMSs, including continuous emissions monitoring system, continuous opacity monitoring system, and operating parameter monitoring systems, were out-of-control as specified in §63.8(c)(7), a statement that there were no periods during which the CMSs were out-of-control during the reporting period; and</p> <p>(2) If you have a deviation from any emission limitation (emission limit and operating limit) where you are not using a CMS to comply with that emission limit or operating limit, or a deviation from a work practice standard for periods of startup and shutdown, during the reporting period, the report must contain the information in §63.7550(d); and</p> <p>(3) If there were periods during which the CMSs, including continuous emissions monitoring system, continuous opacity monitoring system, and operating parameter monitoring systems, were out-of-control as specified in §63.8(c)(7), or otherwise not operating, the report must contain the information in §63.7550(e)</p>	<p>§63.7550(a) (b) and (c)</p> <p>40 CFR §63 Subpart DDDDD, Table 9</p>

**Emission Unit Nos. 003 and 004 (Hardwood Veneer Dryers)**

**Summary Page**

**Description:**

Coe Model 72 (DR01): Indirectly steam-heated dryer with three (3) heated zones (ST1, ST2, ST3) and one cooling zone (ST4), each zone venting individually to exhaust stacks

Coe Model 72 (DR02): Indirectly steam-heated dryer with three (3) heated zones (ST5, ST6, ST7) and two cooling zones (ST8, ST9), with each zone venting individually to exhaust stacks

**Permitted Operating Schedule:** 8,760 hr/yr

**Emission Limitations:**

<b>Emission Point No.</b>	<b>Description</b>	<b>Pollutant</b>	<b>Emission limit</b>	<b>Regulation</b>
ST1 – ST9	Exhaust Stacks	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
ST1 – ST9	Exhaust Stacks	HAP	N/A	40 CFR Part 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]

**Emission Unit Nos. 003 and 004 (Hardwood Veneer Dryers)**

**Unit Specific Provisos**

<b>Federally Enforceable Provisos</b>	<b>Regulations</b>
<p><b>1. <u>Applicability</u></b></p> <p>(a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03 “Major Source Operating Permits.”</p> <p>(b) These sources are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD</p> <p><b>2. <u>Emission Standards</u></b></p> <p>(a) The Permittee shall not cause or allow the emission of particulate matter in excess of the amount determined by the use of the following equation:</p> $E = 3.59P^{0.62}$ <p>where E = Emissions in lb/hr</p> <p>P = Process Weight in T/hr.</p> <p>(b) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from these sources. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from these sources. Opacity shall be determined by 40 CFR Part 60, Appendix A, Method 9.</p> <p>(c) The Permittee shall develop and implement a written startup, shutdown, and malfunction plan (SSMP) according to the provisions in 40 CFR §63.6(e)(3). This plan shall be made readily available for inspection upon request.</p> <p><b>3. <u>Compliance and Performance Test Methods and Procedures</u></b></p> <p>(a) If testing is required, the particulate emission rate from this unit shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.</p> <p>(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)</p> <p>ADEM Admin. Code r. 335-3-4-.04(1)</p> <p>ADEM Admin. Code r. 335-3-4-.01</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p>



Federally Enforceable Provisos	Regulations
<p>(c) The Permittee shall comply with the general compliance requirements in 40 CFR §63.2250, and Tables 6 and 8 of Subpart DDDD, as applicable.</p> <p>(d) In accordance with 40 CFR §63.2241 and Table 3 to Subpart DDDD, the Permittee shall process less than 30 volume percent softwood species on an annual basis.</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p>
<p><b>4. <u>Emission Monitoring</u></b></p> <p>(a) The Permittee shall maintain the volume percent softwood species processed below 30 percent and keep records of the volume percent softwood species processed using the following equation:</p> $SW\% = (SW/T) \times 100$ <p>Where:</p> <p>SW% = annual volume percent softwood species dried;</p> <p>SW = softwood veneer dried during the previous 12 months, thousand square feet (3/8-inch basis)</p> <p>T = total softwood and hardwood veneer dried during the previous 12 months, thousand square feet (3/8-inch basis)</p>	<p>40 CFR §63.2264, §63.2271 and Table 8 of Subpart DDDD</p>
<p><b>5. <u>Recordkeeping and Reporting Requirements</u></b></p> <p>(a) The Permittee shall maintain all of the applicable records specified in 40 CFR §63.2282 and Tables 8 to Subpart DDDD. These records shall be in a form suitable and readily available for an expeditious review. Each record shall be retained for a period of 5 years from the date of generation of each record. Each record shall be retained on-site for at least 2 years from the date of generation of each record, and may be retained off-site for the remaining 3 years.</p>	<p>ADEM Admin. Code r. 335-3-11-.06(81)</p>

Federally Enforceable Provisos	Regulations
<p>(b) For the emission monitoring performed in accordance with Proviso No. 4.(a) above, the Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 30 days after the end of each semiannual reporting period (January 1<sup>st</sup> - June 30<sup>th</sup> and July 1<sup>st</sup> - December 1<sup>st</sup>). The report shall include the following information for these emission units:</p> <p>(1) A statement as to whether all monitoring was completed as required, and if not the date(s) and reason(s) why the monitoring was not performed;</p> <p>(2) The date(s), time, nature, and results of any corrective action taken for monitoring excursions.</p> <p>(c) The Permittee shall submit all of the applicable reports specified in 40 CFR §63.2281 and Table 9 to Subpart DDDD. These reports include, but may not be limited to:</p> <p>(1) The Permittee shall submit a semiannual compliance report which contains the information in 40 CFR §63.2281(c) through (g), as applicable. Reports should coincide with the semiannual periods outlined in Proviso No. 5(b) above.</p> <p>(2) The Permittee shall submit an immediate startup, shutdown, and malfunction report if a startup, shutdown, or malfunction occurs during a reporting period that is not consistent with the Permittee's SSMP.</p> <p>(i) Initially, a report shall be submitted by fax or telephone within 2 working days after starting actions inconsistent with the SSMP and shall identify the nature of the event and the actions taken.</p> <p>(ii) Subsequently, a report shall be submitted by letter within 7 working days after the end of the event (unless alternative arrangements have been approved by the Air Division) and shall contain the information specified in 40 CFR §63.10(d)(5)(ii).</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p> <p>ADEM Admin. Code r. 335-3-11-.06(81)</p>

**Emission Unit No. 005 (Hardwood Veneer Press)**

**Summary Page**

**Description:** Veneer Gluing and Lay-Up, two (2) 5,300 gallon Resin Storage tanks, a Hardwood Panel Press (PR01) and Cooling Section (C01)

**Permitted Operating Schedule:** 8,760 hr/yr

**Emission Limitations:**

<b>Emission Point No.</b>	<b>Description</b>	<b>Pollutant</b>	<b>Emission limit</b>	<b>Regulation</b>
PR01	Hardwood Press	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)
PR01	Hardwood Press	HAP	N/A	40 CFR Part 63, Subpart DDDD [adopted by reference at ADEM Admin. Code r. 335-3-11-.06(81)]

**Emission Unit No. 005 (Hardwood Veneer Press)**

**Unit Specific Provisos**

<b>Federally Enforceable Provisos</b>	<b>Regulations</b>
<p><b>1. <u>Applicability</u></b></p> <p>(a) These processes are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) These processes are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)</p>
<p><b>2. <u>Emission Standards</u></b></p> <p>(a) The Permittee shall not cause or allow the emission of particulate matter in excess of the amount determined by the use of the following equation:</p> $E = 3.59P^{0.62}$ <p>where E = Emissions in lb/hr</p> <p>P = Process Weight in T/hr.</p> <p>(b) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from these sources. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from these sources. Opacity shall be determined by 40 CFR Part 60, Appendix A, Method 9.</p>	<p>ADEM Admin. Code r. 335-3-4-.04(1)</p> <p>ADEM Admin. Code r. 335-3-4-.01</p>
<p><b>3. <u>Compliance and Performance Test Methods and Procedures</u></b></p> <p>These are no compliance and performance test methods and procedures associated with these processes.</p>	<p>N/A</p>
<p><b>4. <u>Emission Monitoring</u></b></p> <p>There are no emission monitoring requirements associated with these processes.</p>	<p>N/A</p>
<p><b>5. <u>Recordkeeping and Reporting Requirements</u></b></p> <p>There are no recordkeeping or reporting requirements associated with these processes.</p>	<p>N/A</p>

**Emission Unit No. 006 (Hardwood Panel Trimming/Sanding)**

**Summary Page**

**Description:** Reference saw, trim saw, two (2) sanders, core and band sawing operations venting to baghouse (BG1)

**Permitted Operating Schedule:** 8,760 hr/yr

**Emission Limitations:**

Emission Point No.	Description	Pollutant	Emission limit	Regulation
BG1	Trimming and Sanding Baghouse	PM	$E = 3.59(P)^{0.62}$	ADEM Admin. Code r. 335-3-4-.04(1)

**Emission Unit No. 006 (Hardwood Panel Trimming/Sanding)****Unit Specific Provisos**

<b>Federally Enforceable Provisos</b>	<b>Regulations</b>
<b>1. <u>Applicability</u></b>	
(a) These sources are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) These sources are subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, and to the NESHAP General Provisions, 40 CFR Part 63, Subpart A as provided in 40 CFR §63.2290 and Table 10 of Subpart DDDD	ADEM Admin. Code r. 335-3-11-.06(81) and ADEM Admin. Code r. 335-3-11-.06(1)
<b>2. <u>Emission Standards</u></b>	
(a) The Permittee shall not cause or allow the emission of particulate matter from these sources in excess of the amount determined by the use of the following equation:  $E = 3.59P^{0.62}$ where E = Emissions in lb/hr P = Process Weight in T/hr.	ADEM Admin. Code r. 335-3-4-.04(1)
(b) The Permittee shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period from these sources. At no time shall the Permittee discharge a 6-minute average opacity of particulate emissions greater than 40% from these sources. Opacity shall be determined by 40 CFR Part 60, Appendix A, Method 9.	ADEM Admin. Code r. 335-3-4-.01
<b>3. <u>Compliance and Performance Test Methods and Procedures</u></b>	
(a) If testing is required, the particulate emission rate from this unit shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 5.	ADEM Admin. Code r. 335-3-1-.05
(b) If testing is required, the visible emissions from this process shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.	ADEM Admin. Code r. 335-3-1-.05
<b>4. <u>Emission Monitoring</u></b>	
(a) At least once per day during daylight hours while the process is operating, Permittee personnel shall observe the baghouse for any visible emissions.	40 CFR §64.7

Federally Enforceable Provisos	Regulations
<p>(b) If any visible emissions are observed from the baghouse, corrective action shall be initiated as soon as practicable but no longer than 24 hours from the time of observation, followed by an additional observation to confirm that emissions have been reduced to normal.</p> <p>(c) The baghouse shall be inspected for proper operation at least annually and maintenance or cleaning performed as necessary, but more frequently whenever visible emissions are observed to be greater than normal from the cyclones or if any visible emissions are observed from the baghouse. If the results of the inspection indicate that cleaning or maintenance is needed, such action shall be initiated as soon as practicable but no longer than 24 hours from the completion of the inspection.</p>	<p>ADEM Admin. Code r. 335-3-16-.05</p> <p>ADEM Admin. Code r. 335-3-16-.05</p>
<p><b>5. <u>Recordkeeping and Reporting Requirements</u></b></p> <p>(a) The Permittee shall maintain records of emission monitoring performed in a permanent form on-site and available for inspection for at least five (5) years from the date of generation of each record. These records shall include:</p> <p>(i) The date, time, and results of each daily observation for daily observation for any visible emissions from the baghouse;</p> <p>(ii) The date(s), time, nature, and results of any corrective action taken when any visible emissions were observed from the baghouse;</p> <p>(iii) The date(s) and time the baghouse was inspected for proper operation and, if the results of the inspection indicated that cleaning or emissions-related maintenance was needed, the date(s) and nature of the cleaning/maintenance performed.</p> <p>(b) The Permittee shall submit a Semiannual Monitoring Report, as required by General Permit Proviso No. 21(a), no later than 30 days after the end of each semiannual reporting period (January 1<sup>st</sup> – June 30<sup>th</sup> and July 1<sup>st</sup> – December 31<sup>st</sup>). The report shall include the following information for these emission units.</p>	

Federally Enforceable Provisos	Regulations
<ul style="list-style-type: none"> <li>(1) A statement as to whether all observations for visible emissions were completed as required during the reporting period, and if not, the date(s) and reason(s) why the monitoring was not performed;</li> <li>(2) A statement as to whether the annual inspection of the baghouse was accomplished during the reporting period, and if so, the date and results of the inspection;</li> <li>(3) The date(s), time, nature, and results of any corrective action taken when (1) any visible emissions were observed from the baghouse or (2) an inspection of the baghouse indicated that cleaning or emissions-related maintenance was needed.</li> </ul>	